

9/517,898

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 3-3-00 are:

A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:          Black ink. Color.  <input checked="" type="checkbox"/> Color drawings are not acceptable until petition is granted.          Fig(s) <u>12A, 15B</u>          Pencil and non black ink not permitted. Fig(s) _____</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84(b)          _____ 1 full-tone set is required. Fig(s) _____          _____ Photographs may not be mounted. 37 CFR 1.84(e)          _____ Poor quality (half-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e)          _____ Paper not flexible, strong, white, and durable.          Fig(s) _____          _____ Erasures, alterations, overwritings, interlineations,          folds, copy machine marks not accepted. Fig(s) _____          _____ Mylar, velum paper is not acceptable (too thin).          Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:          _____ 21.0 cm by 29.7 cm (DIN size A4)          _____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  <input checked="" type="checkbox"/> All drawing sheets not the same size.          _____ <u>Fig(s) 8-10, 14-20</u>          _____ Drawings sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins:          Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm          SIZE: A4 Size          Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm          SIZE: 8 1/2 x 11          Margins not acceptable. Fig(s) <u>13-13A</u>  <input checked="" type="checkbox"/> Top (T) <input checked="" type="checkbox"/> Left (L)  <input checked="" type="checkbox"/> Right (R) <input checked="" type="checkbox"/> Bottom (B)</p> <p>6. VIEWS. 37 CFR 1.84(h)          REMINDER: Specification may require revision to correspond to drawing changes.          Partial views. 37 CFR 1.84(h)(2)          _____ Brackets needed to show figure as one entity.          Fig(s) _____          _____ Views not labeled separately or properly.          Fig(s) _____          _____ Enlarged view not labeled separately or properly.          Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)          _____ Hatching not indicated for sectional portions of an object.          Fig(s) _____          _____ Sectional designation should be noted with Arabic or          Roman numbers. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)          _____ Words do not appear on a horizontal, left-to-right fashion          when page is either upright or turned so that the top          becomes the right side, except for graphs. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k)          _____ Scale not large enough to show mechanism without          crowding when drawing is reduced in size to two-thirds in          reproduction.          Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.          37 CFR 1.84(l)  <input checked="" type="checkbox"/> Lines, numbers &amp; letters not uniformly thick and well          defined, clean, durable, and black (poor line quality).          Fig(s) <u>2</u></p> <p>11. SHADING. 37 CFR 1.84(m)          _____ Solid black areas pale. Fig(s) _____          _____ Solid black shading not permitted. Fig(s) _____          _____ Shade lines, pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.          37 CFR 1.84(p)          _____ Numbers and reference characters not plain and legible.          Fig(s) _____          _____ Figure legends are poor. Fig(s) _____          _____ Numbers and reference characters not oriented in the          same direction as the view. 37 CFR 1.84(p)(1)          Fig(s) _____          _____ English alphabet not used. 37 CFR 1.84(p)(2)          Figs _____          _____ Numbers, letters and reference characters must be at least          .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)          Fig(s) _____</p> <p>13. LEAD LINES. 37 CFR 1.84(q)          _____ Lead lines cross each other. Fig(s) _____          _____ Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)          _____ Sheets not numbered consecutively, and in Arabic numerals          beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)          _____ Views not numbered consecutively, and in Arabic numerals,          beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w)          _____ Corrections not made from prior PTO-948          dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152          _____ Surface shading shown not appropriate. Fig(s) _____          _____ Solid black shading not used for color contrast.          Fig(s) _____</p>
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COMMENTS FIG. 8-10, 14-20 ARE ON 8 1/2 X 11 AND ALL  
OTHER FIGURES ARE ON A-4 SIZE PAPER. ALL  
FIGURES NEED TO BE ON THE SAME SIZE PAPER.

REVIEWER

J. CHASE

DATE

12-9-02

TELEPHONE NO.

703 305 8430

ATTACHMENT TO PAPER NO.

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## REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 amendment at the time of submitting drawings.

### INFORMATION ON HOW TO EFFECT DRAWING CHANGES

#### 1. Correction of Drawings - 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawing should be filed as a separate paper with a transmittal letter addresses to the Official Draftsperson.

#### 2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed change.

#### Timing of Corrections

Applicant is required to submit the drawings corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.